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PTO/SB/05 (08-00)

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. PF141P7  
First Inventor YU et al  
Title Tumor Necrosis Factor-Gamma  
Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 307]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 33]
5. ☒ Unexecuted Declaration [Total Pages 1]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76. [Total Pages 4]

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☒ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☒ paper [Total Pages 24]  
c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet and document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/ Form PTO/SB/08  
☐ Copies of Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
15. ☐ Certified copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☐ Divisional ☒ Continuation-in-Part (CIP) of prior application No. 09/559,290 filed April 27, 2000

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22195 or ☐ Correspondence address below

|   |           |   |  |
|---|-----------|---|--|
| NAME                                      |           |   |  |
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| CITY                                      | STATE     | ZIP CODE  |  |
| COUNTRY                                   | TELEPHONE | FAX   |  |
| NAME (Print/Type) <u>Kenley K. Hoover</u> |           | Registration No. (Attorney/Agent) <u>40,302</u> |  |
| SIGNATURE <u>[Signature]</u>              |           | Date <u>July 6, 2001</u>                        |  |

Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to spend on this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

*Patent fees are subject to annual revision.*

Total amount of payment

**\$1472.00**

|                      |                         |
|----------------------|-------------------------|
| Application Number   | Not yet assigned        |
| Filing Date          | July 6, 2001 (Herewith) |
| First Named Inventor | YU et al                |
| Examiner Name        | Not yet assigned        |
| Group Art Unit       | Not yet assigned        |

Attorney Docket Number

PF141P7

**FEE CALCULATION (continued)**

- Deposit Account Number **08-3425**

**08-3425**

Deposit Account **Human Genome Sciences, Inc.**  
Name

- ☒
- Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐
- Applicant claims small entity status

See 37 CFR 1.27

2. ☐ Payment Enclosed

- ☐ Check    ☐ Credit Card    ☐ Money Order    ☒ Other\*

\* Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to **Deposit Account No. 08-3425**

### FEE CALCULATION

**1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 710             | 201            | 355             | Utility filing fee     | 710.00   |
| 106            | 320             | 206            | 160             | Design filing fee      |          |
| 107            | 490             | 207            | 245             | Plant filing fee       |          |
| 108            | 710             | 208            | 355             | Reissue filing fee     |          |
| 114            | 150             | 214            | 75              | Provisional filing fee |          |

**Subtotal (1)**

**\$710.00**

## 2. EXTRA CLAIM FEES

|                    | Extra |        |    | Fee from below | Fee Paid  |
|--------------------|-------|--------|----|----------------|-----------|
| Total claims       | 49    | - 20** | 29 | \$18.00        | \$ 522.00 |
| Indep. claims      | 6     | - 3 ** | 3  | \$80.00        | \$ 240.00 |
| Multiple Dependent |       |        |    |                | \$        |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description   |
|----------------|-----------------|----------------|-----------------|---|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                    |
| 102            | 80              | 202            | 40              | Independent claims in excess of 3                         |
| 104            | 270             | 204            | 135             | Multiple dependent claim                                  |
| 108            | 80              | 209            | 40              | **Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | **Reissue claims in excess of 20 and over original patent |

**Subtotal (2)**

**\$762.00**

## Submitted By

Complete (if applicable)

Name (Print/Type) Kenley K. Hoover

Registration No.: 40,302

|           |                |
|-----------|----------------|
| Telephone | (301) 610-5771 |
|-----------|----------------|

Signature:

Date July 6 2001

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